

IN THE CLAIMS

Please amend the claims as follows:

1. (currently amended) A release composition comprising

(A) the reaction product of:

- 1)  $\text{R}^{\text{E}}_{\text{h}}\text{Si}(\text{OR}^{\text{A}})_{4-\text{h}}$ ;
- 2)  $\text{R}^{\text{vi}}_{\text{i}}\text{Si}(\text{OR}^{\text{B}})_{4-\text{i}}$ ;
- 3) a condensation catalyst; and
- 4) water

where  $\text{R}^{\text{E}}$  is an oxirane or epoxide containing radical having from ~~one~~two to forty carbon atoms,  $\text{R}^{\text{vi}}$  is selected from the group consisting of two to forty carbon atom terminal olefinic monovalent hydrocarbon radicals,  $\text{R}^{\text{A}}$  is selected from the group consisting of one to forty carbon monovalent hydrocarbon radicals;  $\text{R}^{\text{B}}$  is selected from the group consisting of one to forty carbon monovalent hydrocarbon radicals, where h varies from 1 to 3 and where i varies from 1 to 3 and

(B) a curable alkenyl silicone having the formula



where

$\text{M}^{\text{vi}} = \text{R}_{3-\text{p}}\text{R}^1_{\text{p}}\text{SiO}_{1/2}$ , where R is selected from the group consisting of one to forty carbon monovalent hydrocarbon radicals and  $\text{R}^1$  is selected from the group consisting of two to forty carbon atom terminal olefinic monovalent hydrocarbon radicals, where p ranges from 1 to 3;

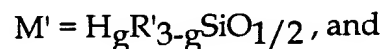
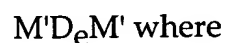
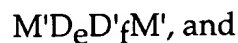
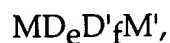
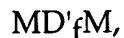
$T = R^2SiO_{3/2}$  where  $R^2$  is selected from the group consisting of R and  $R^1$  ;

$D = R^3R^4SiO_{2/2}$  where  $R^3$  and  $R^4$  are each independently selected from the group consisting of R and  $R^1$ ; and

$M = R_3SiO_{1/2}$  where each R is as previously defined and is independently selected; wherein a and b have values ranging from 2 to 5,

c is an integer ranging from about 50 to about 1,000 and d has a value ranging from 0 to about 0.5.

2. (original) The composition of claim 1 additionally comprising a hydrogen siloxane selected from the group of compounds:



$D' = R'HSiO_{2/2}$  wherein each  $R'$  in M,  $M'$ , D, and  $D'$  is independently selected from the group consisting of one to forty carbon monovalent hydrocarbon radicals wherein the

subscripts e and f may be zero or positive whereby the sum of e and f ranges from about 10 to about 100 subject to the limitation that the sum of f and g is two or greater.

3. (original) The composition of claim 1 wherein the condensation catalyst is formic acid.

4. (currently amended) The composition of claim 2 wherein the condensation catalyst is an organo tin compound.

5. (original) The composition of claim 3 where R is methyl, trifluoropropyl or phenyl and R<sup>1</sup> is selected from the group consisting of two to ten carbon atom alkenyl groups.

6. (original) The composition of claim 4 where R' is methyl, trifluoropropyl or phenyl.

7. (original) The composition of claim 5 wherein the subscripts a, b, and d satisfy the relationship  $a + d > b$ .

8. (original) The composition of claim 6 wherein the viscosity ranges from about 100 to about 10,000 centipoise.

9. (original) The composition of claim 6 wherein the viscosity ranges from about 125 to about 1,000 centipoise.

10. (currently amended) The composition of claim 8 further comprising water present as an emulsion.

11. (currently amended) A curable release composition comprising:

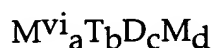
(A) the reaction product of:

1)  $\text{R}_e\text{Si}(\text{OR}^A)_{4-h};$

- 2)  $R^{vi}_i Si(OR^B)_{4-i}$ ;
- 3) a tin condensation catalyst; and
- 4) water

where  $R^E$  is an oxirane or epoxide containing radical having from ~~one~~two to forty carbon atoms,  $R^{vi}$  is selected from the group consisting of two to forty carbon atom terminal olefinic monovalent hydrocarbon radicals,  $R^A$  is selected from the group consisting of one to forty carbon monovalent hydrocarbon radicals;  $R^B$  is selected from the group consisting of one to forty carbon monovalent hydrocarbon radicals, where h varies from 1 to 3 and where i varies from 1 to 3.

(B) an alkenyl silicone having the formula:



where

$M^{vi} = R_{3-p}R^1_p SiO_{1/2}$ , where R is selected from the group consisting of one to forty carbon monovalent hydrocarbon radicals and  $R^1$  is selected from the group consisting of two to forty carbon atom olefinic monovalent hydrocarbon radicals, where p ranges from 1 to 3;

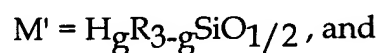
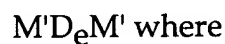
$T = R^2 SiO_{3/2}$  where  $R^2$  is selected from the group consisting of R and  $R^1$ ;

$D = R^3 R^4 SiO_{2/2}$  where  $R^3$  and  $R^4$  are each independently selected from the group consisting of R and  $R^1$ ; and

$M = R_3 SiO_{1/2}$  where each R is as previously defined and is independently selected; wherein a and b have values ranging from 2 to 5,

c is an integer ranging from about 50 to about 1,000 and d has a value ranging from 0 to about 0.5;

(C) a hydrogen siloxane selected from the group of compounds:



$D' = RHSiO_{2/2}$  wherein each R in M, M', D, and D' is independently selected from the group consisting of one to forty carbon monovalent hydrocarbon radicals wherein the subscripts e and f may be zero or positive whereby the sum of e and f ranges from about 10 to about 100 subject to the limitation that the sum of f and g is two or greater;

(D) a hydrosilylation catalyst; and

(E) an inhibitor.

12. (original) The composition of claim 10 wherein the hydrogen siloxane is selected from the group consisting of



MD'<sub>f</sub>M,

and mixtures thereof.

13. (original) The composition of claim 11 where R is methyl, trifluoropropyl or phenyl and R<sup>1</sup> is selected from the group consisting of two to ten carbon atom alkenyl groups.

14. (original) The composition of claim 12 where R' is methyl, trifluoropropyl or phenyl.

15. (original) The composition of claim 13 wherein the subscripts a, b, and d satisfy the relationship  $a + d > b$ .

16. (original) The composition of claim 14 wherein the viscosity ranges from about 100 to about 10,000 centipoise.

17. (original) The composition of claim 15 wherein the viscosity ranges from about 125 to about 1,000 centipoise.

18. (canceled) An aqueous emulsion comprising the composition of claim 16.

19. (currently amended) A ~~curable~~cured paper release composition comprising:

(A) the reaction product of:

1)  $\text{RE}_h\text{Si}(\text{OR}^A)_{4-h};$

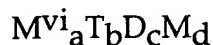
2)  $\text{R}^v\text{Si}(\text{OR}^B)_{4-i};$

3) a tin condensation catalyst; and

4) water

where  $R^E$  is an oxirane or epoxide containing radical having from ~~one~~two to forty carbon atoms,  $R^{vi}$  is selected from the group consisting of two to forty carbon atom terminal olefinic monovalent hydrocarbon radicals,  $R^A$  is selected from the group consisting of one to forty carbon monovalent hydrocarbon radicals;  $R^B$  is selected from the group consisting of one to forty carbon monovalent hydrocarbon radicals, where  $h$  varies from 1 to 3 and where  $i$  varies from 1 to 3;

(B) an alkenyl silicone having the formula:



where

$M^{vi} = R_{3-p}R^1_pSiO_{1/2}$ , where  $R$  is selected from the group consisting of one to forty carbon monovalent hydrocarbon radicals and  $R^1$  is selected from the group consisting of two to forty carbon atom olefinic monovalent hydrocarbon radicals, where  $p$  ranges from 1 to 3;

$T = R^2SiO_{3/2}$  where  $R^2$  is selected from the group consisting of  $R$  and  $R^1$ ;

$D = R^3R^4SiO_{2/2}$  where  $R^3$  and  $R^4$  are each independently selected from the group consisting of  $R$  and  $R^1$ ; and

$M = R_3SiO_{1/2}$  where each  $R$  is as previously defined and is independently selected; wherein  $a$  and  $b$  have values ranging from 2 to 5,

$c$  is an integer ranging from about 50 to about 1,000 and  $d$  has a value ranging from 0 to about 0.5;

(C) a hydrogen siloxane selected from the group of compounds:



$MD'_fM$ ,

$MD_eD'_fM'$ ,

$M'D_eD'_fM'$ , and

$M'D_eM'$  where M is as previously defined and

$M' = H_gR_{3-g}SiO_{1/2}$

$D = RRSiO_{2/2}$  where each R is independently selected and

$D' = RHSiO_{2/2}$

where R is as previously defined, the subscripts e and f may be zero or positive wherein the sum of e and f ranges from about 10 to about 100 subject to the limitation that the sum of f and g is two or greater;

(D) a hydrosilylation catalyst; and

(E) an inhibitor.

20. (canceled)

21. (currently amended) An aqueous emulsion comprising the composition of claim ~~19~~11.

22. (currently amended) A curable paper release composition consisting essentially of

(A) The release compositions of the present invention comprise additives for improved anchorage of release coatings comprising the reaction product

of:



- 1)  $R^E_h Si(OR^A)_{4-h};$
- 2)  $R^{vi} Si(OR^B)_{4-i};$
- 3) a tin condensation catalyst; and
- 4) water

where  $R^E$  is an oxirane or epoxide containing radical having from ~~one~~two to forty carbon atoms,  $R^{vi}$  is selected from the group consisting of two to forty carbon atom terminal olefinic monovalent hydrocarbon radicals,  $R^A$  is selected from the group consisting of one to forty carbon monovalent hydrocarbon radicals;  $R^B$  is selected from the group consisting of one to forty carbon monovalent hydrocarbon radicals, where h varies from 1 to 3 and where i varies from 1 to 3;

(B) an alkenyl silicone having the formula:



where

$M^{vi} = R_{3-p} R^1_p SiO_{1/2}$ , where R is selected from the group consisting of one to forty carbon monovalent hydrocarbon radicals and  $R^1$  is selected from the group consisting of two to forty carbon atom olefinic monovalent hydrocarbon radicals, where p ranges from 1 to 3;

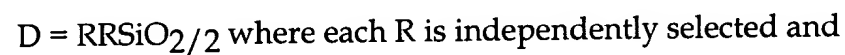
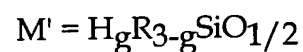
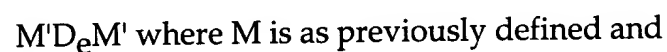
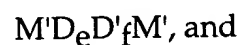
$T = R^2 SiO_{3/2}$  where  $R^2$  is selected from the group consisting of R and  $R^1$  ;

$D = R^3 R^4 SiO_{2/2}$  where  $R^3$  and  $R^4$  are each independently selected from the group consisting of R and  $R^1$ ; and

$M = R_3 SiO_{1/2}$  where each R is as previously defined and is independently selected; wherein a and b have values ranging from 2 to 5,

c is an integer ranging from about 50 to about 1,000 and d has a value ranging from 0 to about 0.5;

(C) a substantially linear hydrogen siloxane selected from the group of compounds:



where R is as previously defined, the subscripts e and f may be zero or positive wherein the sum of e and f ranges from about 10 to about 100 subject to the limitation that the sum of f and g is two or greater;

(D) a hydrosilylation catalyst; and

(E) an inhibitor.

23. (original) A laminate having a substrate and a coating said coating comprising the composition of claim 1.

24. (original) The laminate of claim 23 wherein the substrate is selected from the group consisting of paper and polymeric films said polymeric films selected from the group consisting of polyethylene, polypropylene, and polyester.